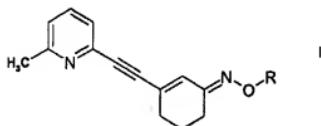


***Listing of Claims***

This listing of claims will replace all prior versions and listings of claims in the application:

**Claim 1. (Previously presented): A compound of formula I**



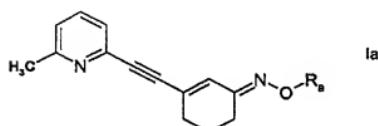
wherein

R is  $^{11}\text{CH}_3$ ,  $(^3\text{H})_3\text{C}$ ,  $(\text{CH}_2)_n^{123}\text{I}$ ,  $(\text{CH}_2)_n^{76}\text{Br}$  or  $(\text{CH}_2)_n^{18}\text{F}$ , n being 1, 2, 3 or 4 in free base or acid addition salt form.

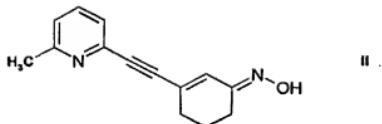
**Claim 2. (Cancelled)**

**Claim 3. (Previously presented): A process for the production of a compound of formula I as defined in claim 1, or a salt thereof, comprising the step of**

- a) for the production of a compound of formula Ia



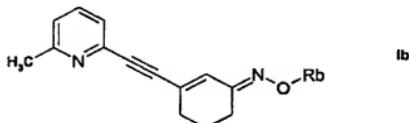
wherein Ra is respectively  $^{11}\text{CH}_3$  or  $(^3\text{H})_3\text{C}$ , reacting the compound of formula II



II .

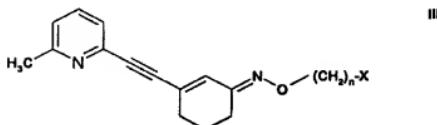
with respectively <sup>11</sup>CH<sub>3</sub>I or C(<sup>3</sup>H)<sub>3</sub>I, in the presence of a base, or

b) for the production of a compound of formula Ib



Ib

wherein Rb is respectively (CH<sub>2</sub>)<sub>n</sub><sup>18</sup>F, (CH<sub>2</sub>)<sub>n</sub><sup>123</sup>I or (CH<sub>2</sub>)<sub>n</sub><sup>76</sup>Br, reacting a compound of formula III



III

wherein n is as defined in claim 1 and X is OTs or OMs, with respectively <sup>18</sup>F<sup>-</sup>, <sup>123</sup>I<sup>-</sup> or <sup>76</sup>Br<sup>-</sup>, or reacting the compound of formula II with a compound of formula IV

X - Rb

IV

wherein X and Rb are as defined above,

and recovering the resulting compound of formula I in free base form or in form of an acid addition salt.

Claim 4. (Previously presented): A compound of formula I as defined in claim 1, in free base or acid addition salt form, for use as a marker for neuroimaging.

Claim 5. (Previously presented): A composition for labeling brain and peripheral nervous system structures involving mGlu5 receptors *in vivo* or *in vitro* comprising a compound of formula I as defined in claim 1, in free base or acid addition salt form.

Claim 6. (Previously presented): A method for labeling brain and peripheral nervous system structures involving mGlu5 receptors *in vitro* or *in vivo*, which comprises contacting brain tissue with a compound of formula I as defined in claim 1, in free base or acid salt form.